

Errata in Asymptotic Analysis of Differential Equations, R. B. White

Eq. 1.13 should be

$$x_{n+1} = \pm \sqrt{\epsilon \pm i \sqrt{\epsilon x_n^5}}.$$

Eq. 2.16 change limit of a from zero to infinity

Eq. 2.5 Remove the “=0”

Problem 2.8. Remove the “= 0” from problems 6 and 7

prob. 5, chap 3 change x^2 in the numerator to x

Eq. 4.42 Change \ll to \sim

Eq. 4.8 Change the a_0 on the right hand side to 1.

Eq. 5.36 Replace π by $\sqrt{\pi}$

Eq. 7.16 Delete the z in the denominator

page 72 bottom paragraph. “Passing upward into domain 3, or downward from domain 1 into domain 7” should read “Passing upward into domain 3, or downward from domain 7 into domain 6”

Section 10.3.1, line 2 “Laplace” should be “Fourier”

Eq. 15.10 is wrong.

Eq. 16.52 Add a factor of x^{-t} to the left hand numerator